

[About IEEE](#) | [IEEE Memberships](#) | [Products and Services](#) | [Conferences](#) | [IEEE Organizations](#) | [News](#) | [Home](#)**IEEE Xplore™**

Search

[Help](#) [FAQ](#) [Terms](#) [Technical Update](#)**Welcome to IEEE Xplore™**

- ☐ Home
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account

Your search matched **212** of **657711** documents.

Results are shown **50** to a page, sorted by **publication year** in **descending** order.

You may refine your search by editing the current search expression or entering a new one the t

Then click **Search Again**.

Results:

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

101 Novelty, confidence and errors in connectionist systems

Roberts, S.J.; Penny, W.; Pillot, D.

Intelligent Sensors (Digest No: 1996/261), IEE Colloquium on , 1996

Page(s): 10/1 -10/6

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

102 Assessing the confidence of classification in artificial neural netwo

Roberts, S.J.

Artificial Intelligence Methods for Biomedical Data Processing, IEE Colloquium

Page(s): 4/1 -4/6

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

103 Irrelevance in uncertain temporal reasoning

Tawfik, A.Y.; Neufeld, E.M.

Temporal Representation and Reasoning, 1996. (TIME '96), Proceedings., Th International Workshop on , 1996

Page(s): 196 -202

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

104 Combining probabilistic map and dialog for robust life-long office navigation

Asoh, H.; Motomura, Y.; Hara, I.; Akaho, S.; Hayamizu, S.; Matsui, T.

Intelligent Robots and Systems '96, IROS 96, Proceedings of the 1996 IEEE/R International Conference on , Volume: 2 , 1996

Page(s): 807 -812 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

105 On the semantics for qualified syllogisms

Schwartz, D.G.

Fuzzy Systems, 1996., Proceedings of the Fifth IEEE International Conference
Volume: 2 , 1996
Page(s): 941 -946 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

106 Improved probability estimation with neural network models

Wei, W.; Barnard, E.; Fanty, M.

Spoken Language, 1996. ICSLP 96. Proceedings., Fourth International Confer
Volume: 1 , 1996
Page(s): 502 -505 vol.1

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

**107 A method of learning implication networks from empirical data: a
and Monte Carlo simulation based validation**

Jiming Liu; Desmarais, M.C.; Tang, Y.Y.

Systems, Man and Cybernetics, 1996., IEEE International Conference on , Vo
1996
Page(s): 1291 -1296 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

108 Efficient algorithms for learning probabilistic networks

Kuo-Chu Chang; Jun Liu

Systems, Man and Cybernetics, 1996., IEEE International Conference on , Vo
1996
Page(s): 1274 -1279 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

109 Comparison of score metrics for Bayesian network learning

Yang, S.; Chang, K.-C.

Systems, Man and Cybernetics, 1996., IEEE International Conference on , Vo
1996
Page(s): 2155 -2160 vol.3

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

110 Probabilistic network fault detection

Hood, C.S.; Ji, C.

Global Telecommunications Conference, 1996. GLOBECOM '96. 'Communicati
Key to Global Prosperity , Volume: 3 , 1996
Page(s): 1872 -1876 vol.3

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

111 An analysis of the exponential correlation associative memory

Hancock, E.R.; Pelillo, M.

Pattern Recognition, 1996., Proceedings of the 13th International Conference
Volume: 3 , 1996
Page(s): 291 -295 vol.4

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

112 Active fusion using Bayesian networks applied to multi-temporal sensing imagery

Prantl, M.; Ganster, H.; Pinz, A.

Pattern Recognition, 1996., Proceedings of the 13th International Conference
Volume: 3 , 1996
Page(s): 890 -894 vol.3

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

113 Multiple source clustering: a probabilistic reasoning approach

Leih, T.J.; Harmse, J.; Giannopoulos, E.

Data Fusion Symposium, 1996. ADFS '96., First Australian , 1996
Page(s): 141 -146

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

114 Angle only target tracking using a continuous-valued Bayesian ne Driver, E.; Morrell, D.

Signals, Systems and Computers, 1996. Conference Record of the Thirtieth A
Conference on , 1997
Page(s): 839 -843 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

115 Estimating the multivariate conditional density using relatively sp training data pairs

Davis, D.T.; Jeng-Neng Hwang

Neural Networks, 1996., IEEE International Conference on , Volume: 1 , 1996
Page(s): 31 -37 vol.1

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

116 Efficient learning of standard finite normal mixtures for image quantification

Yue Wang; Adali, T.

Acoustics, Speech, and Signal Processing, 1996. ICASSP-96. Conference Proc
1996 IEEE International Conference on , Volume: 6 , 1996
Page(s): 3422 -3425 vol. 6

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

117 Parameter estimation of dependence tree models using the EM alg*Ronen, O.; Rohlicek, J.R.; Ostendorf, M.*

IEEE Signal Processing Letters , Volume: 2 Issue: 8 , Aug. 1995

Page(s): 157 -159

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **JNL****118 Performance evaluation of multilayer perceptrons in signal detect classification***Michalopoulou, Z.H.; Nolte, L.W.; Alexandrou, D.*

Neural Networks, IEEE Transactions on , Volume: 6 Issue: 2 , March 1995

Page(s): 381 -386

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **JNL****119 Symbolic probabilistic inference with both discrete and continuou variables***Kuo-Chu Chang; Fung, R.*

Systems, Man and Cybernetics, IEEE Transactions on , Volume: 25 Issue: 6 ,

Page(s): 910 -916

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **JNL****120 Sensitivity analysis for probability assessments in Bayesian netwo***Laskey, K.B.*

Systems, Man and Cybernetics, IEEE Transactions on , Volume: 25 Issue: 6 ,

Page(s): 901 -909

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **JNL****121 Bayesian growing and pruning strategies for MAP-optimal estimat Gaussian mixture models***McMichael, D.W.*

Artificial Neural Networks, 1995., Fourth International Conference on , 1995

Page(s): 364 -368

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF****122 Two Bayesian treatments of the n-tuple recognition method***Rohwer, R.J.*

Artificial Neural Networks, 1995., Fourth International Conference on , 1995

Page(s): 171 -176

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF****123 On the relationship between Bayesian error bars and the input da**

Williams, C.K.I.; Qazaz, C.; Bishop, C.M.; Zhu, H.
Artificial Neural Networks, 1995., Fourth International Conference on , 1995
Page(s): 160 -165

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

124 Probabilistic Fuzzy ARTMAP: an autonomous neural network arch for Bayesian probability estimation

Lim, C.P.; Harrison, R.F.

Artificial Neural Networks, 1995., Fourth International Conference on , 1995
Page(s): 148 -153

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

125 Self-consistent training of a neural network with a step edge mod probabilistic edge labelling

Chen, W.C.; Thacker, N.A.; Rockett, P.I.

Artificial Neural Networks, 1995., Fourth International Conference on , 1995
Page(s): 98 -103

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

126 Application of RCM to high voltage substations

Basille, C.; Aupied, J.; Sanchis, G.

Reliability of Transmission and Distribution Equipment, 1995., Second Intern Conference on the , 1995
Page(s): 186 -191

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

127 Pavement management decision analysis using belief functions in valuation-based systems

Attoh-Okine, N.O.

Uncertainty Modeling and Analysis, 1995, and Annual Conference of the North Fuzzy Information Processing Society. Proceedings of ISUMA - NAFIPS '95., T International Symposium on , 1995
Page(s): 275 -280

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

128 An extension on learning Bayesian belief networks based on MDL Suzuki, J.

Information Theory, 1995. Proceedings., 1995 IEEE International Symposium

Page(s): 232

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

129 Learning possibilistic networks from data*Gebhardt, J.; Kruse, R.*

Fuzzy Systems, 1995. International Joint Conference of the Fourth IEEE Inter Conference on Fuzzy Systems and The Second International Fuzzy Engineering Symposium., Proceedings of 1995 IEEE International Conference on , Volume Page(s): 1575 -1580 vol.3

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

130 A Bayesian neural network chip design for speech recognition sys*Jhing-Fa Wang; An-Nan Suen; Jia-Ru Lee; Chung-Hsien Wu*

Neural Networks, 1995. Proceedings., IEEE International Conference on , Volu 1995

Page(s): 2027 -2030 vol.4

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

131 Plan simulation using Bayesian networks*Goldszmidt, M.; Darwiche, A.*

Artificial Intelligence for Applications, 1995. Proceedings., 11th Conference o Page(s): 155 -161

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

132 Partitioned mixture distribution: an adaptive Bayesian network fo low-energy image processing*Luttrell, S.P.*

Vision, Image and Signal Processing, IEE Proceedings- , Volume: 141 Issue: 1994

Page(s): 251 -260

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **JNL**

133 Decision-theoretic approach to visual inspection using neural netw*McMichael, D.W.*

Vision, Image and Signal Processing, IEE Proceedings- , Volume: 141 Issue: 1994

Page(s): 223 -229

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **JNL**

134 Solving inverse problems by Bayesian iterative inversion of a forw model with applications to parameter mapping using SMMR remote se data*Davis, D.T.; Zhengxiao Chen; Jenq-Neng Hwang; Tsang, L.; Njoku, E.*

Geoscience and Remote Sensing, IEEE Transactions on , Volume: 33 Issue: 5 1995

Page(s): 1182 -1193

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [JNL](#)

135 Dynamic belief networks for discrete monitoring

Nicholson, A.E.; Brady, J.M.

Systems, Man and Cybernetics, IEEE Transactions on , Volume: 24 Issue: 11
1994

Page(s): 1593 -1610

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [JNL](#)

136 Texture analysis using partially ordered Markov models

Davidson, J.; Talukder, A.; Cressie, N.

Image Processing, 1994. Proceedings. ICIP-94., IEEE International Conferenc
Volume: 3 , 1994

Page(s): 402 -406 vol.3

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

137 Probabilistic neural networks for medical image quantification

Adali, T.; Yue Wang

Image Processing, 1994. Proceedings. ICIP-94., IEEE International Conferenc
Volume: 3 , 1994

Page(s): 889 -892 vol.3

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

138 Using Bayesian networks for incorporating probabilistic a priori k into Boltzmann machines

Myllymaki, P.

Southcon/94. Conference Record , 1994

Page(s): 97 -102

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

139 Learning in neural networks with Bayesian prototypes

Myllymaki, P.; Tirri, H.

Southcon/94. Conference Record , 1994

Page(s): 60 -64

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

140 Applying Bayesian networks to fault diagnosis

Kirsch, H.; Kroschel, K.

Control Applications, 1994., Proceedings of the Third IEEE Conference on , 19

Page(s): 895 -900 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) [CNF](#)

141 Neural network classification of subsurface targets*Chaturvedi, P.; Plumb, R.G.; Chakrabarti, S.*

Antennas and Propagation Society International Symposium, 1994. AP-S. Dig
Volume: 1 , 1994

Page(s): 570 -575 vol.1

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

142 Illusory contour detection using MRF models*Madarasmi, S.; Ting-Chuen Pong; Kersten, D.*

Neural Networks, 1994. IEEE World Congress on Computational Intelligence.
IEEE International Conference on , Volume: 7 , 1994

Page(s): 4343 -4348 vol.7

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

143 A competition-based connectionist model for information retrieval*Inien Syu; Lang, S.D.*

Neural Networks, 1994. IEEE World Congress on Computational Intelligence.
IEEE International Conference on , Volume: 5 , 1994

Page(s): 3301 -3306 vol.5

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

144 A self-organizing reasoning neural network*Lijun Dong; Yu Ming*

Neural Networks, 1994. IEEE World Congress on Computational Intelligence.
IEEE International Conference on , Volume: 3 , 1994

Page(s): 1542 -1545 vol.3

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

145 MDL learning of probabilistic neural networks for discrete problem*Tirri, H.; Myliymaki, P.*

Neural Networks, 1994. IEEE World Congress on Computational Intelligence.
IEEE International Conference on , Volume: 3 , 1994

Page(s): 1493 -1497 vol.3

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

146 Implementation of a Bayesian self-organizing neural network*Wee, B.C.*

Neural Networks, 1994. IEEE World Congress on Computational Intelligence.
IEEE International Conference on , Volume: 2 , 1994

Page(s): 751 -755 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**

147 MMI training of minimum complexity adaptive nearest neighbor c*Fakhr, W.; Kamel, M.; Elmasry, M.I.*

Neural Networks, 1994. IEEE World Congress on Computational Intelligence.

IEEE International Conference on , Volume: 1 , 1994

Page(s): 401 -406 vol.1

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF****148 Solving inverse problems using Bayesian modeling to incorporate information sources***Davis, D.T.; Hwang, J.N.; Leung Tsang*

Geoscience and Remote Sensing Symposium, 1994. IGARSS '94. Surface and Atmospheric Remote Sensing: Technologies, Data Analysis and Interpretation International , Volume: 3 , 1994

Page(s): 1395 -1397 vol.3

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF****149 A class of Neyman-Pearson and Bayes learning algorithms for neu classification***Pados, D.; Papantoni-Kazakos, P.*

Information Theory, 1994. Proceedings., 1994 IEEE International Symposium

Page(s): 218

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF****150 Nonlinear discriminant features constructed by using outputs of m perceptron***Kurita, T.; Asoh, H.; Otsu, N.*

Speech, Image Processing and Neural Networks, 1994. Proceedings, ISSIPNN 1994 International Symposium on , 1994

Page(s): 417 -420 vol.2

[\[Abstract\]](#) [\[PDF Full-Text\]](#) **CNF**[\[Prev\]](#) [1](#) [2](#) [3](#) [4](#) [5](#) [\[Next\]](#)[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#)
[Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Establish a Web Account](#)

Copyright © 2000 IEEE -- All rights reserved